

100

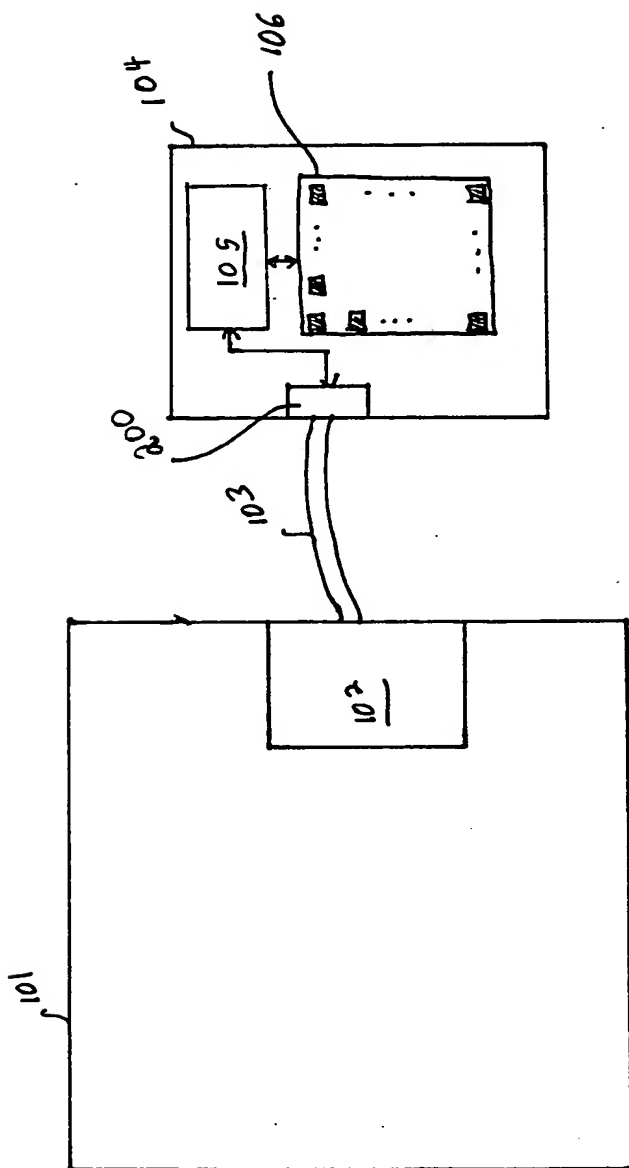


Figure 1

Block Diagram

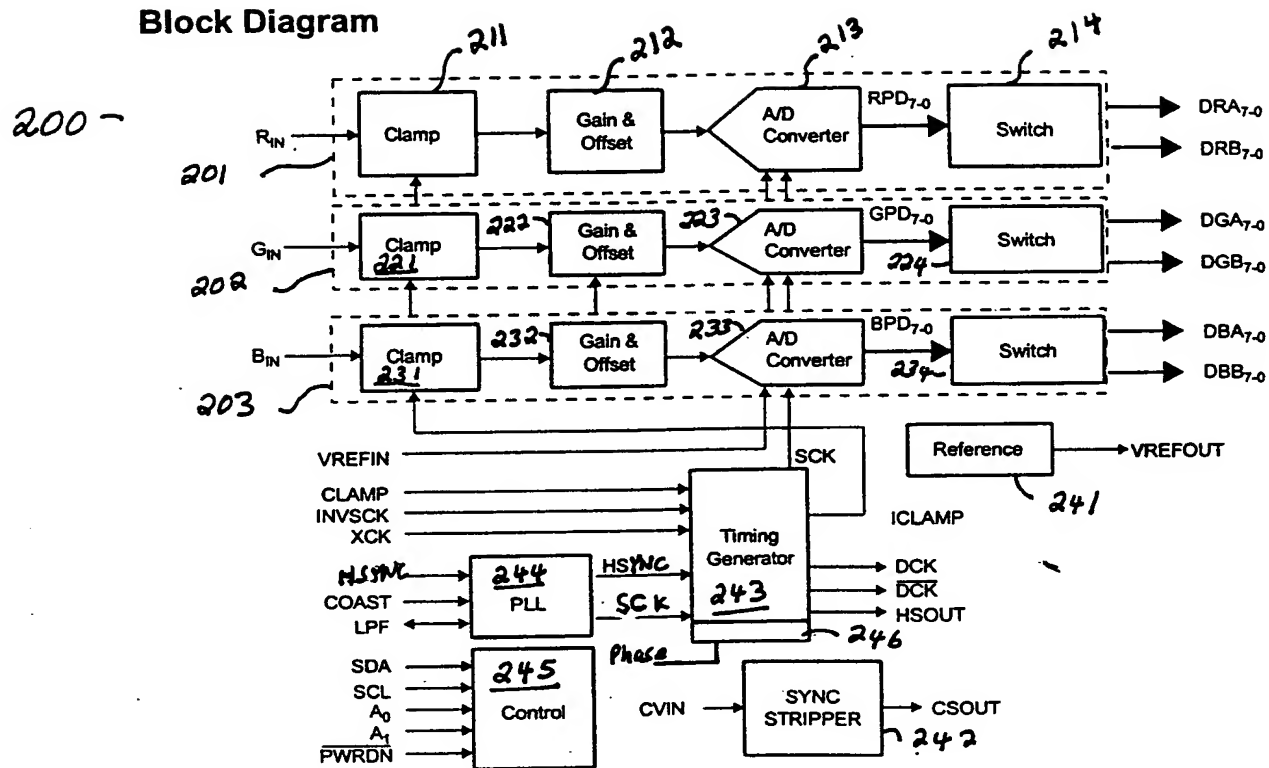


Figure 2a

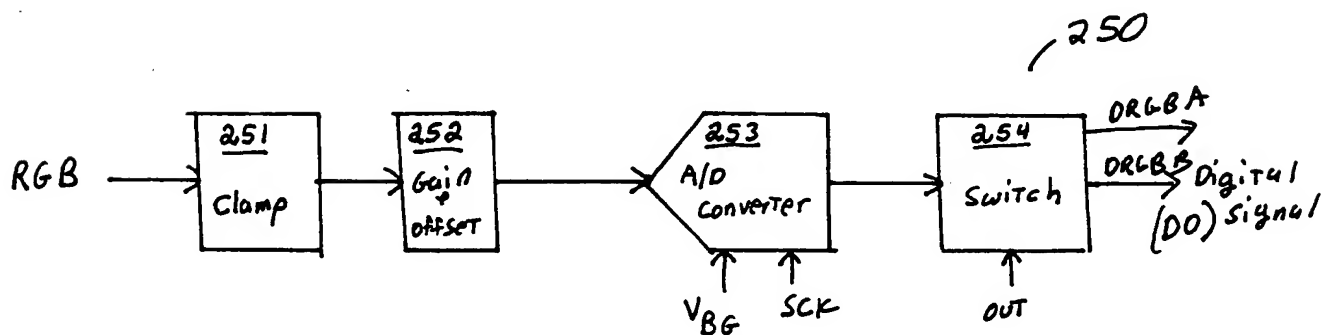


Figure 2b

Figure 2c

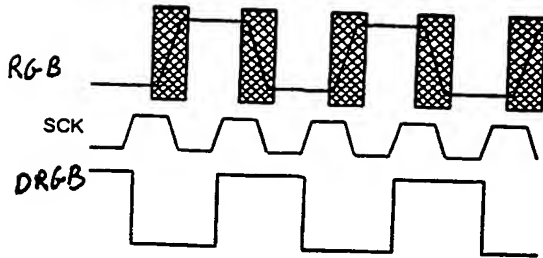
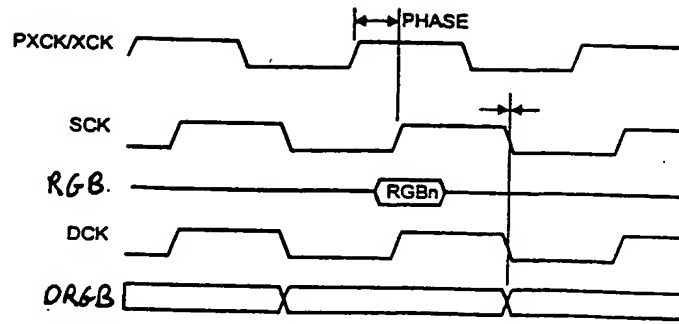


Figure 2d

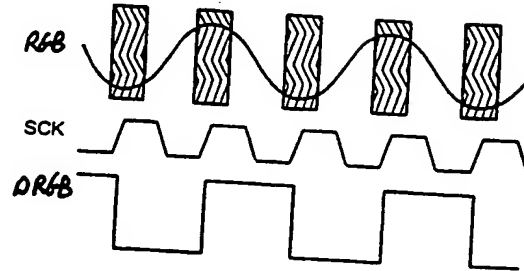


Figure 2e

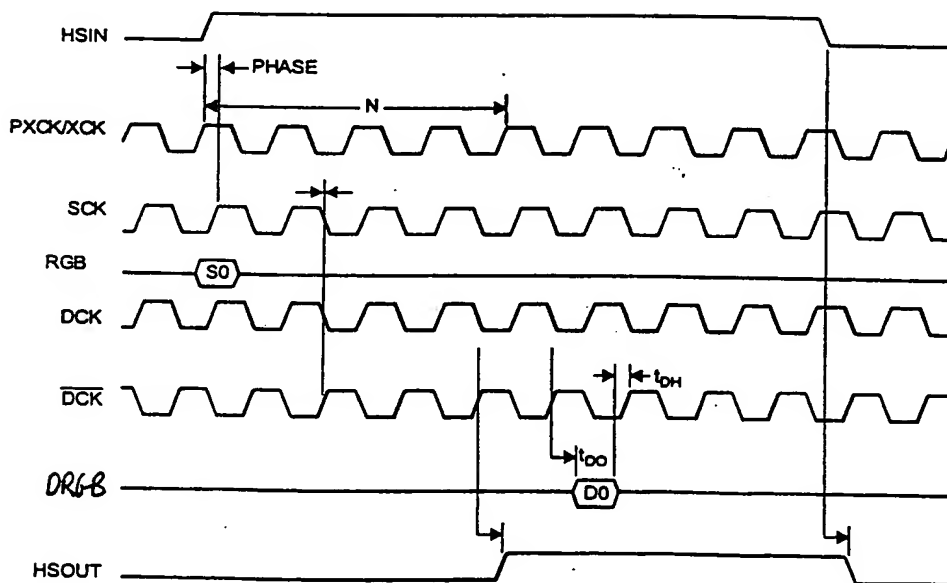


Figure 2f

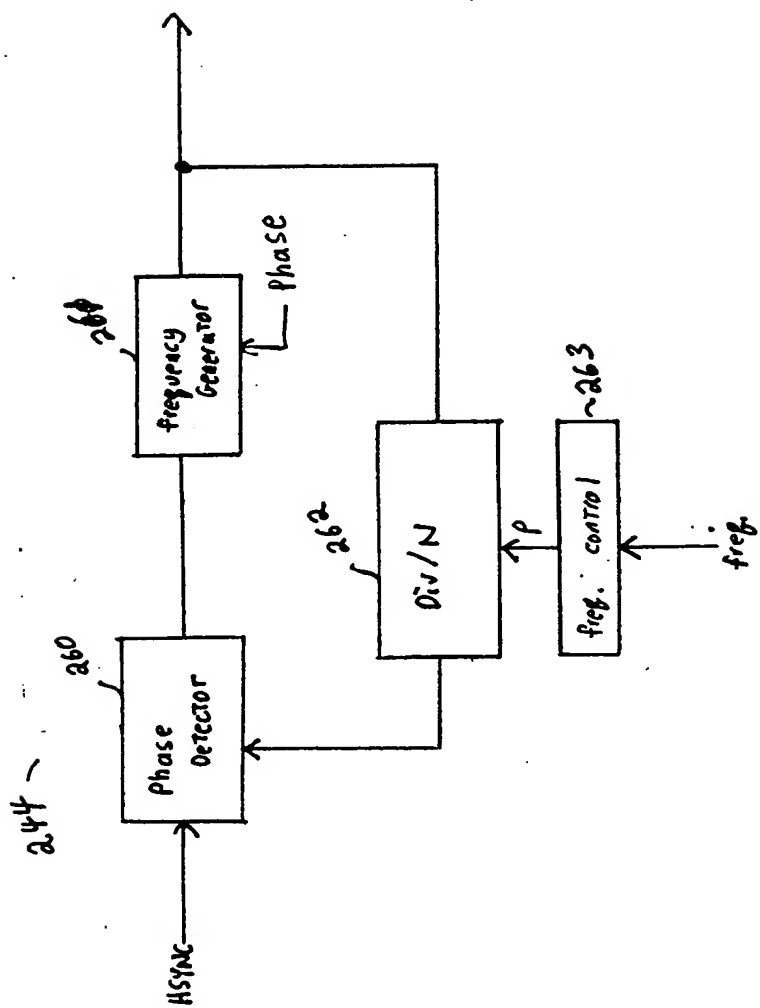


Figure 2g

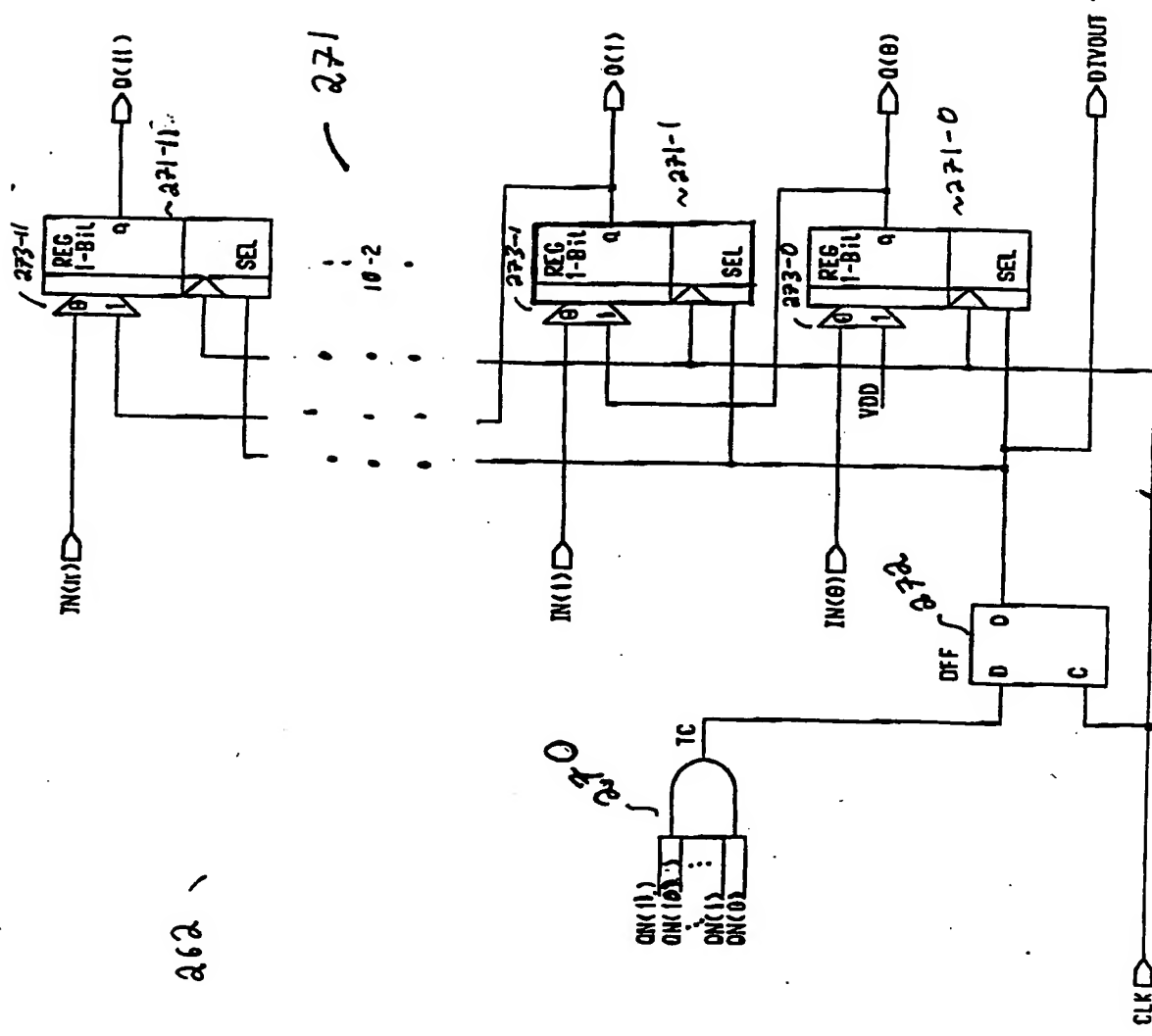


Figure 2h

243

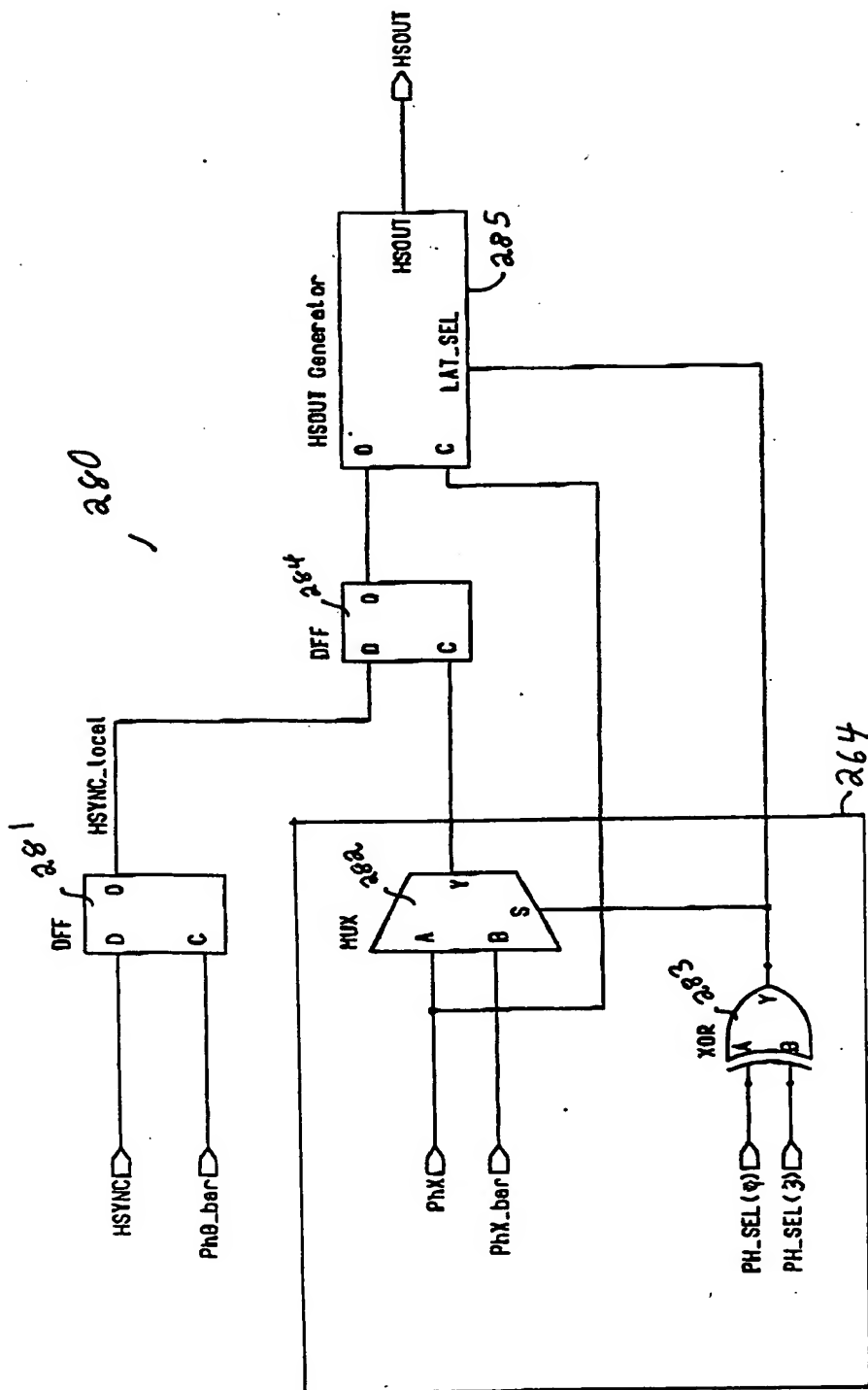


Figure 2.1

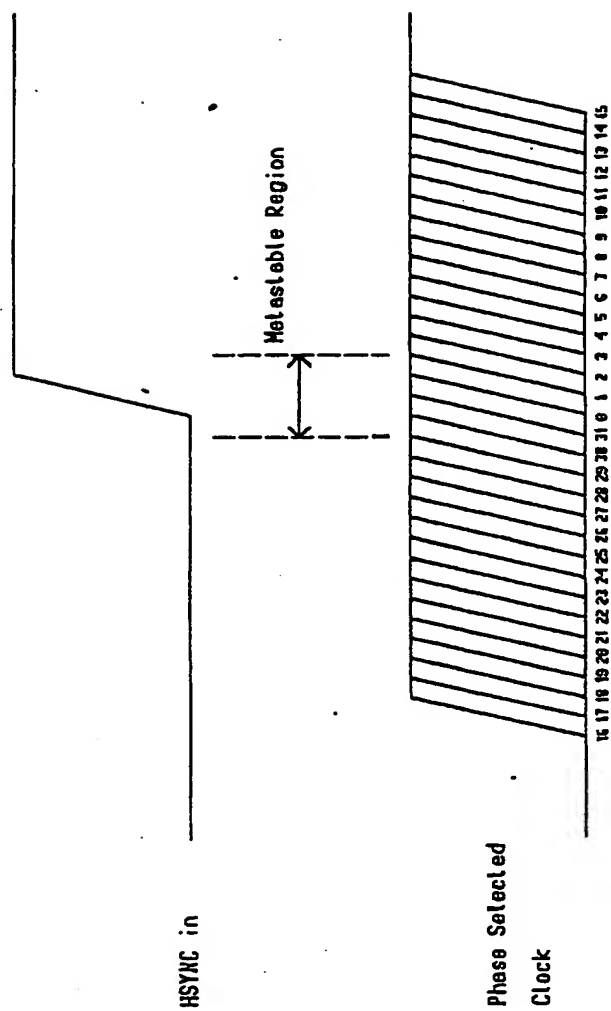


Figure 2j

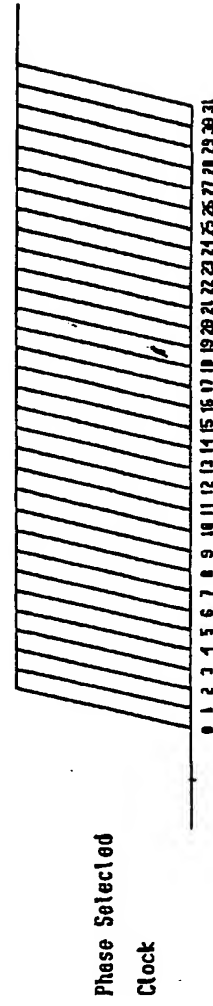
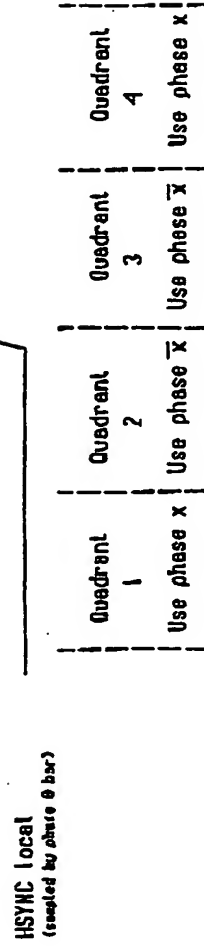
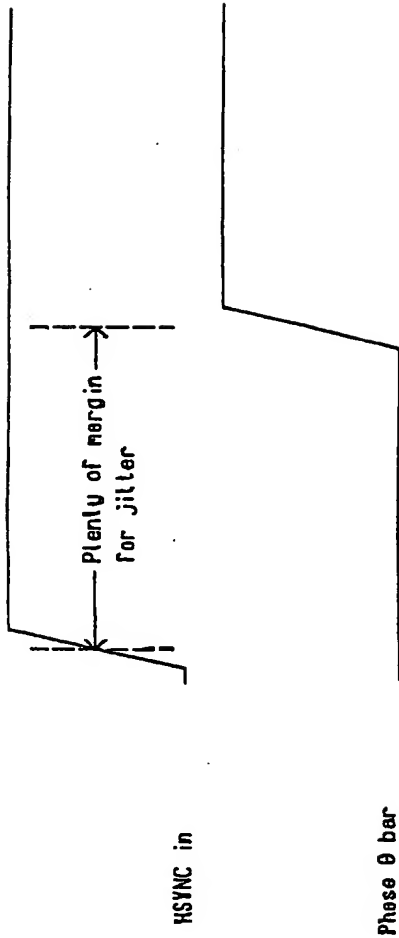
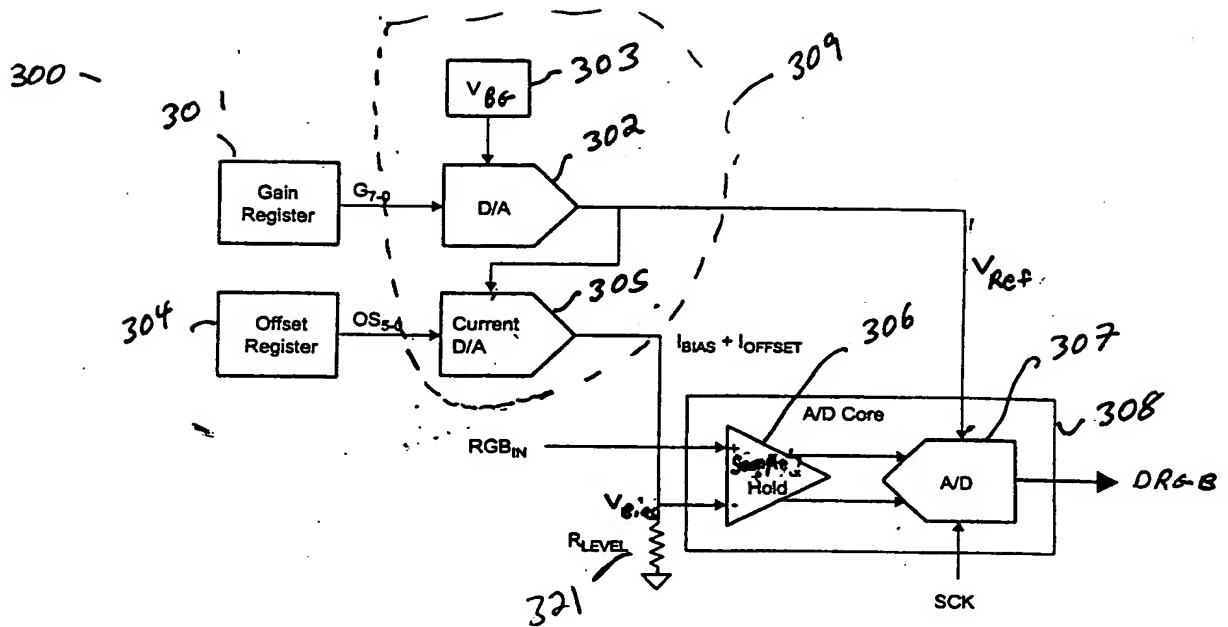
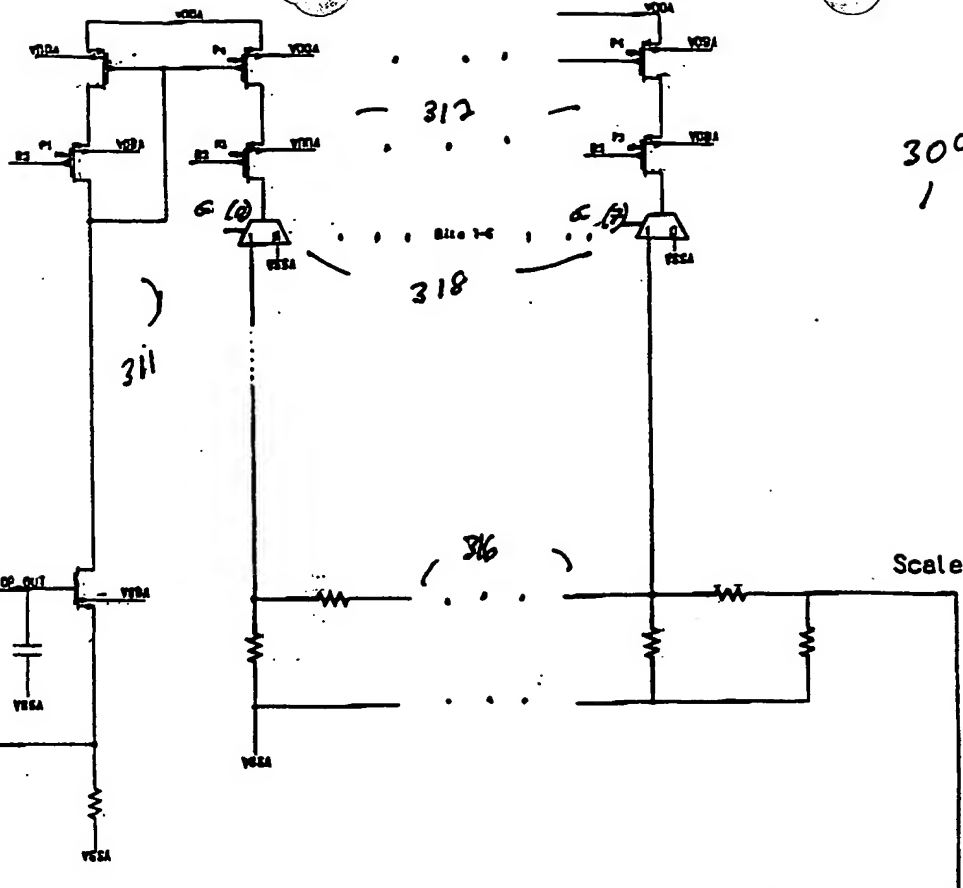
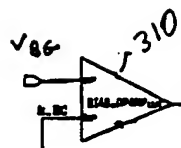


Figure 22

Figure 3a

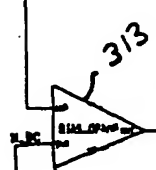
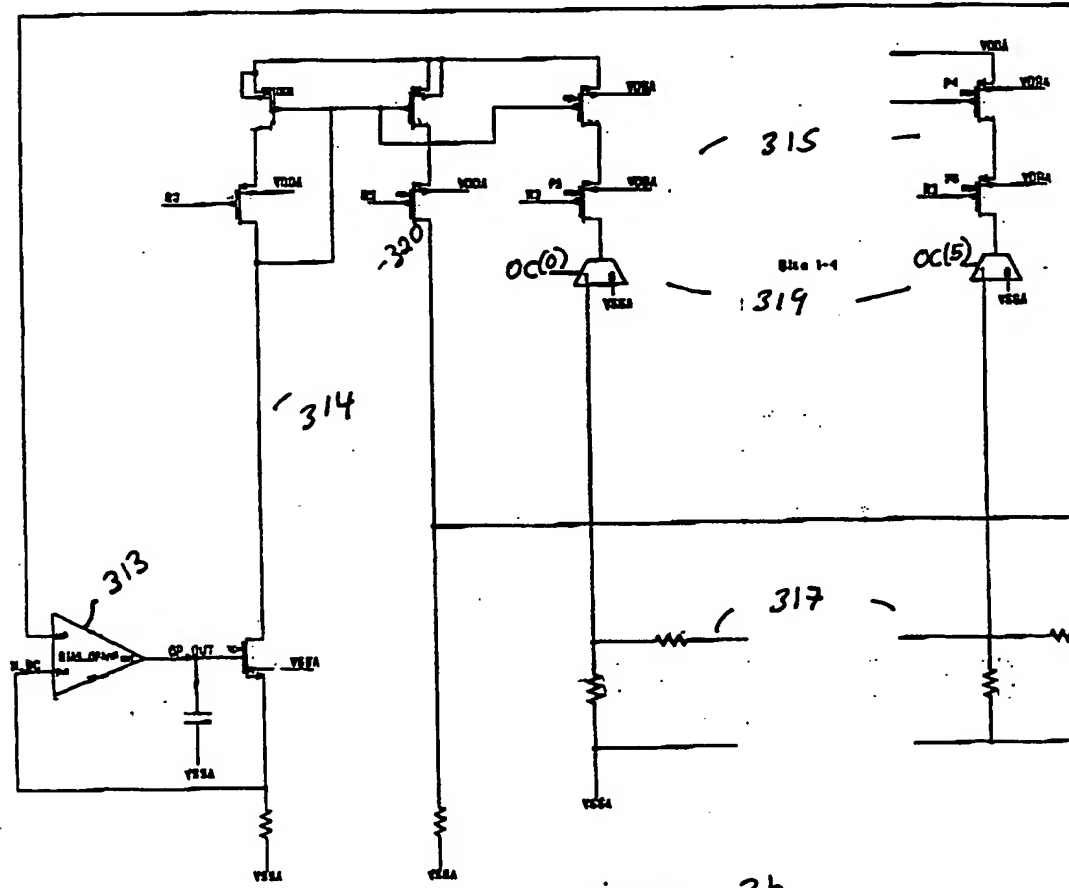




309
/

Gain Control
DAC
8-Bits

Scaled bandgap voltage



Offset Control
DAC
6-Bits

V_{ref}

V_{bias}

Figure 3b

308

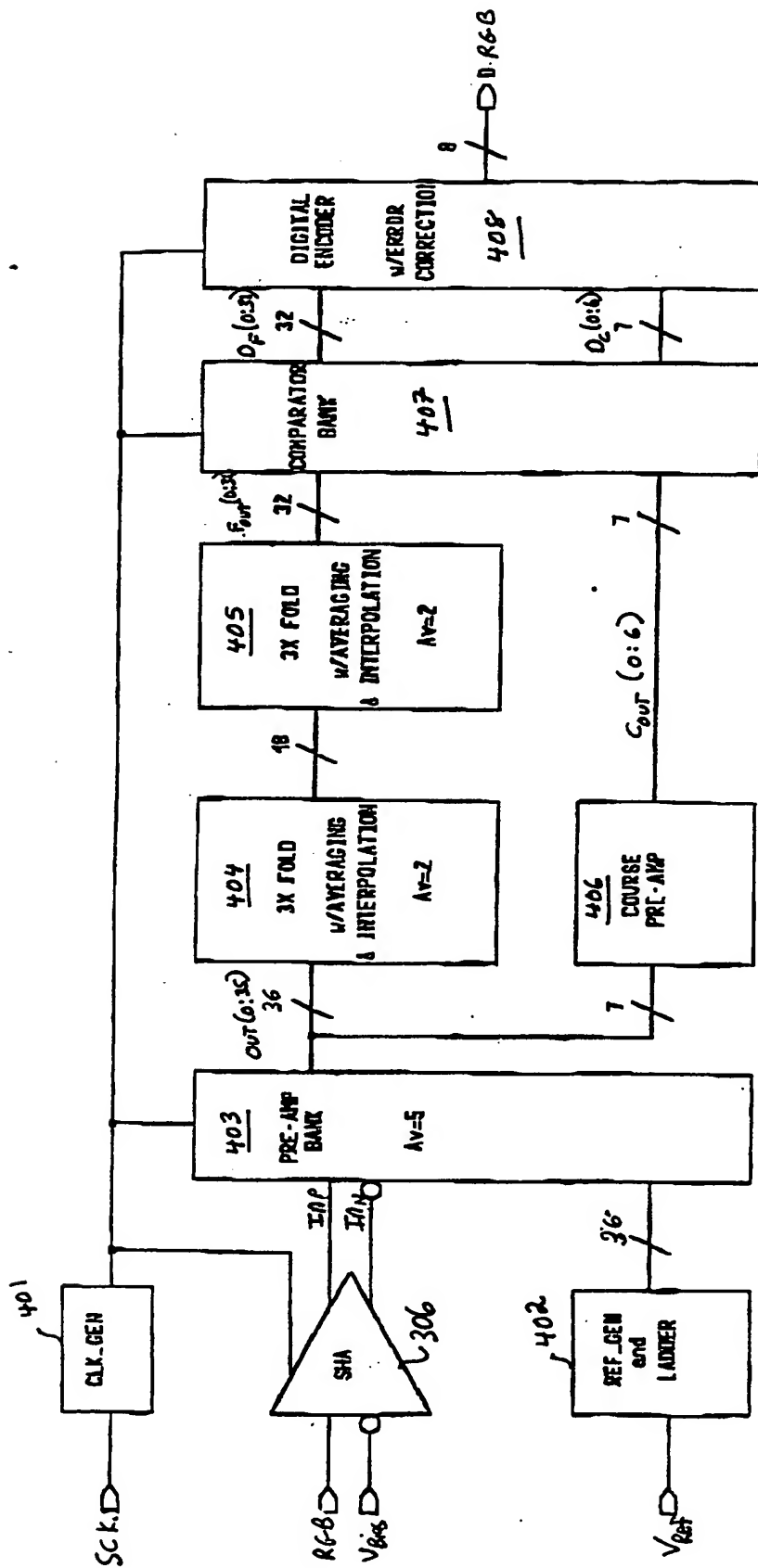


Figure 4a

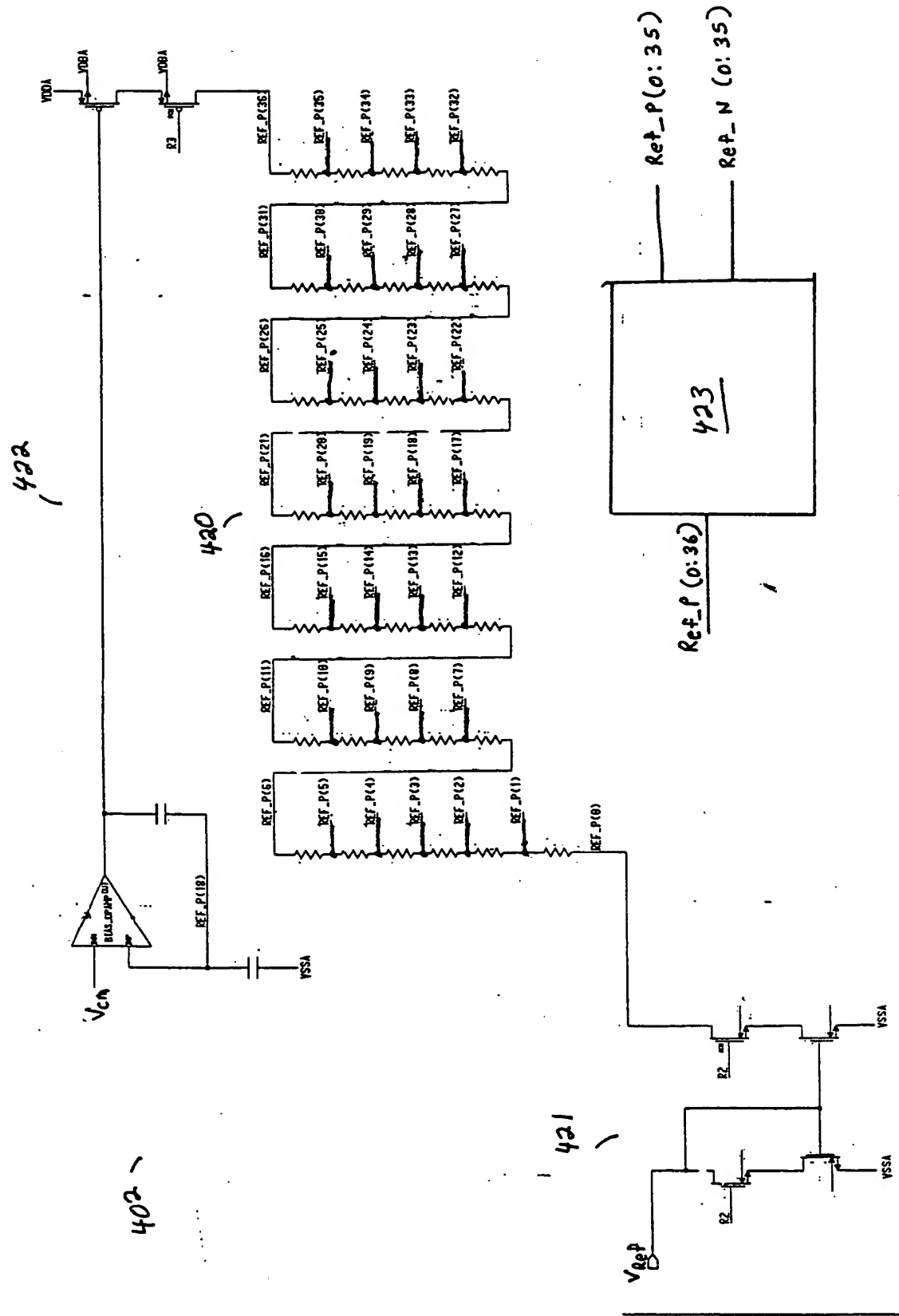


Figure 4b

306

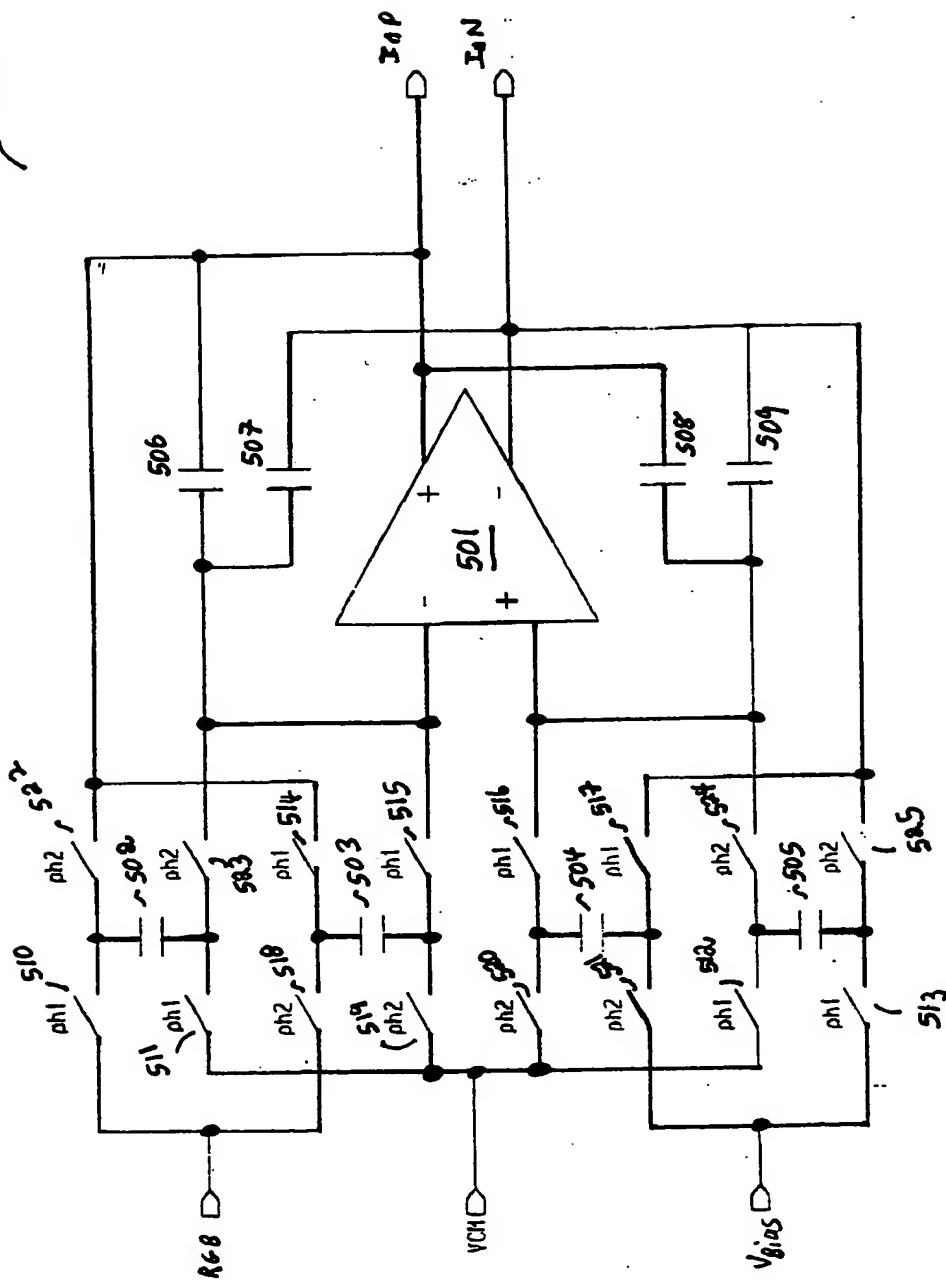
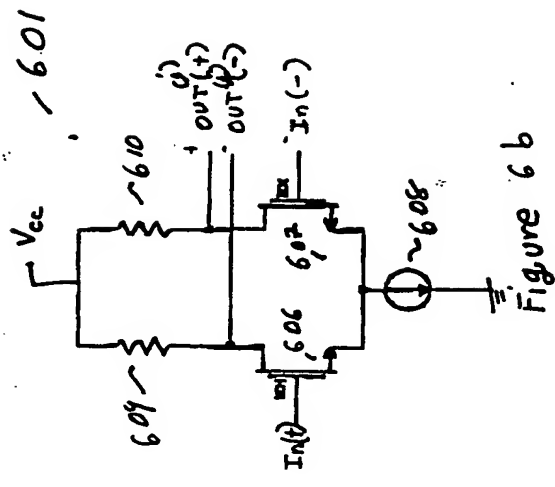


Figure 5



603

600

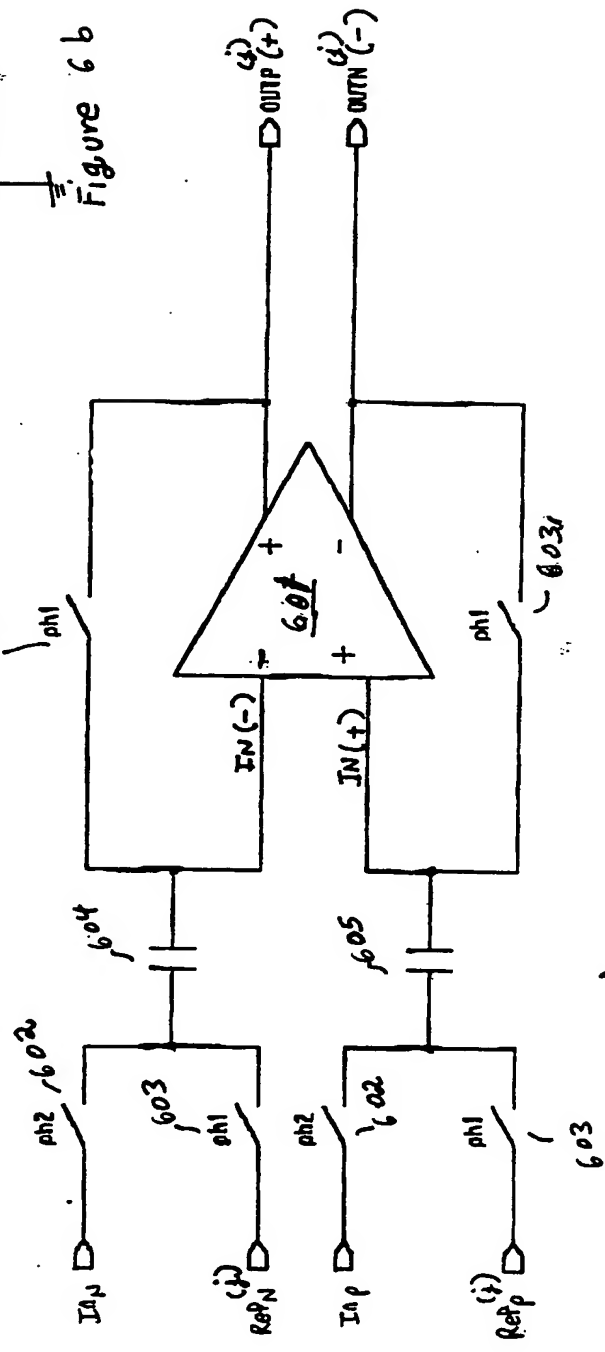


Figure 6a

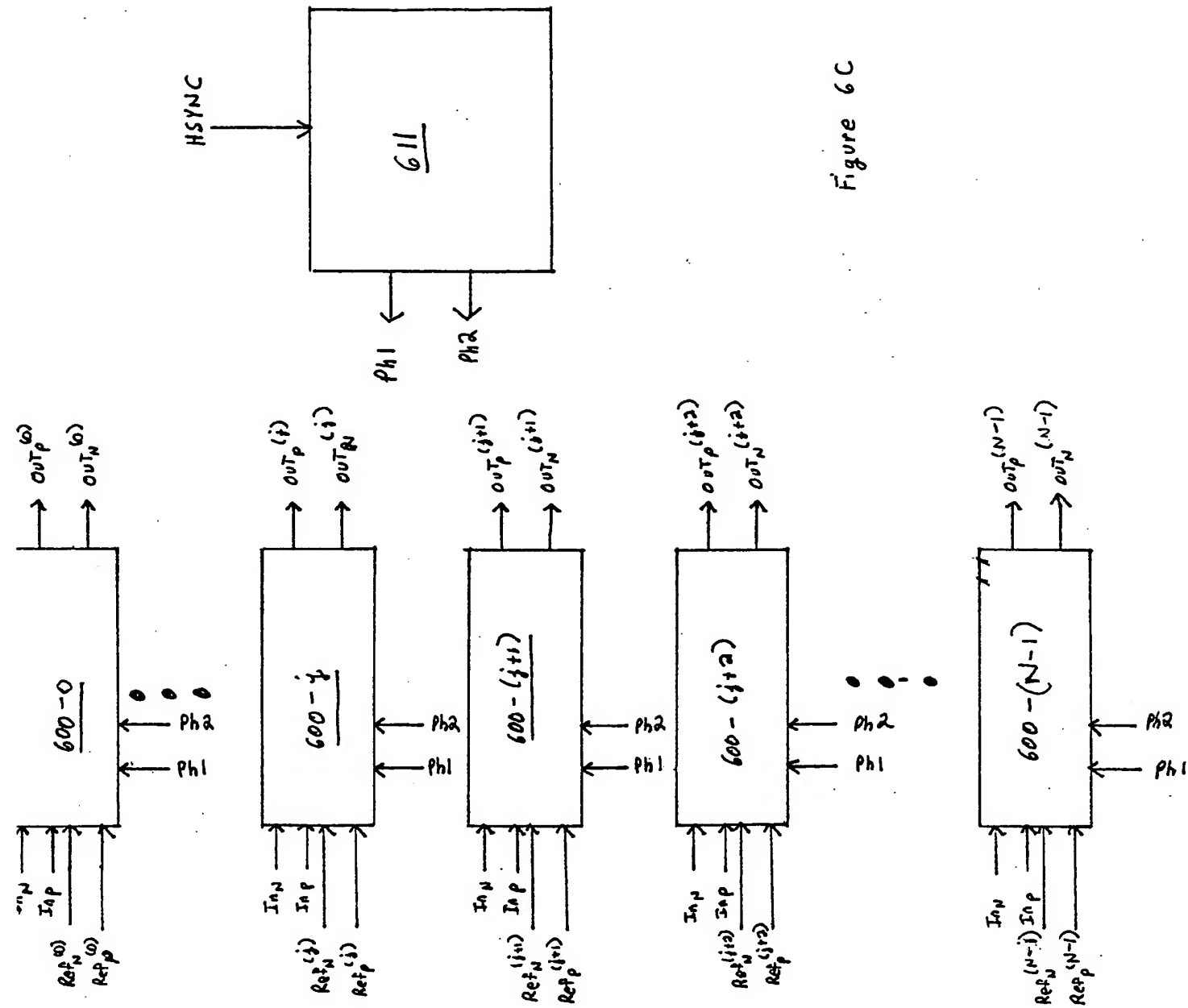
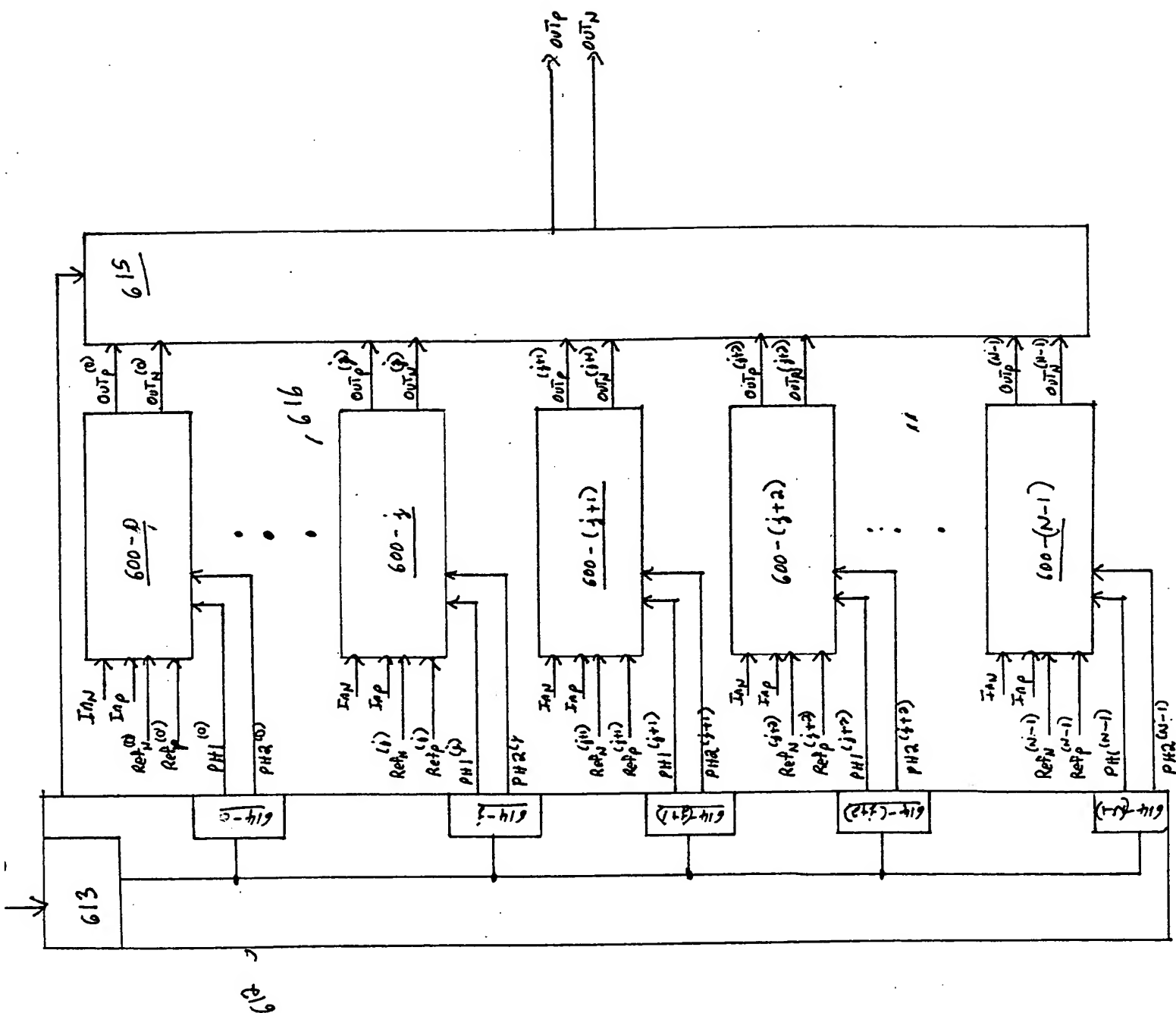
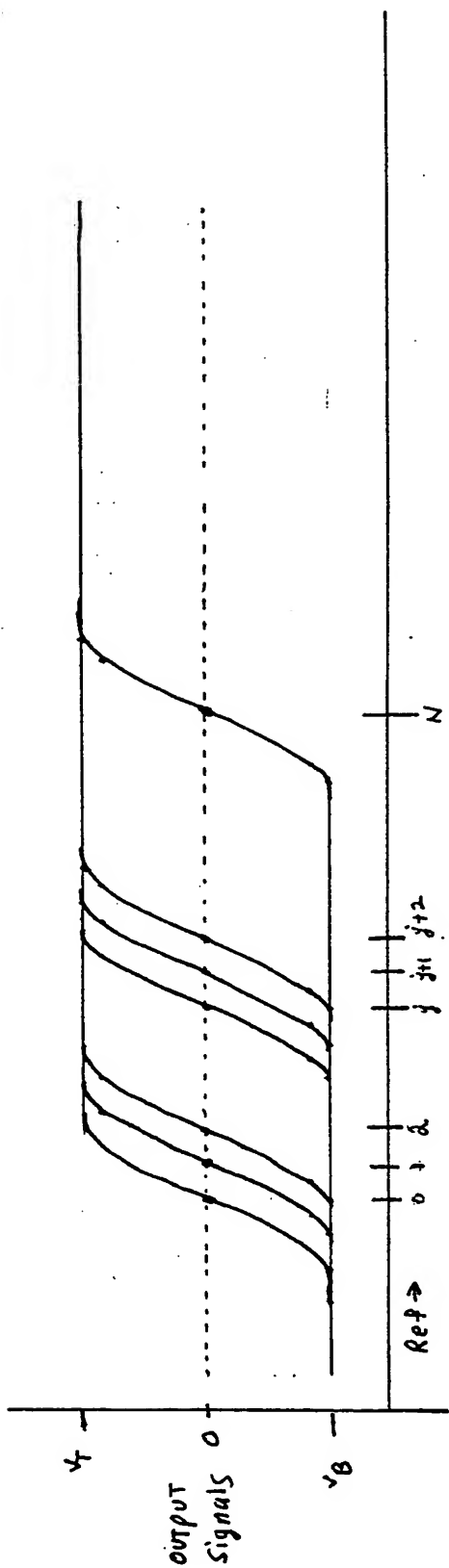


Figure 6C

Figure 60





Input Signal \rightarrow

Figure 6E

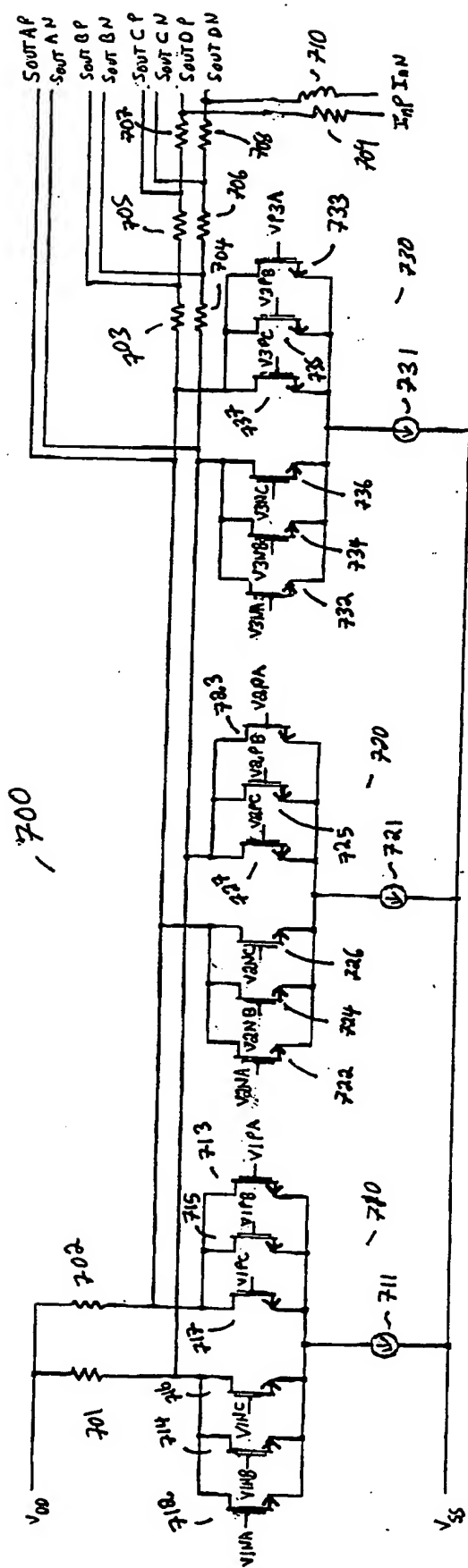


Figure 7a

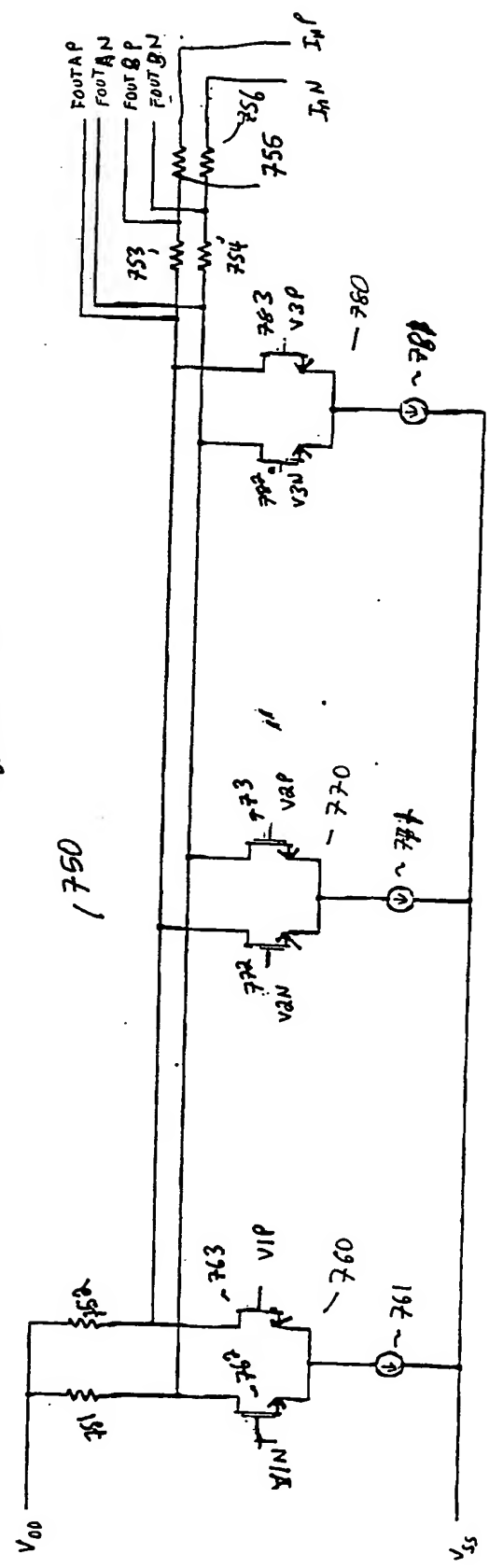
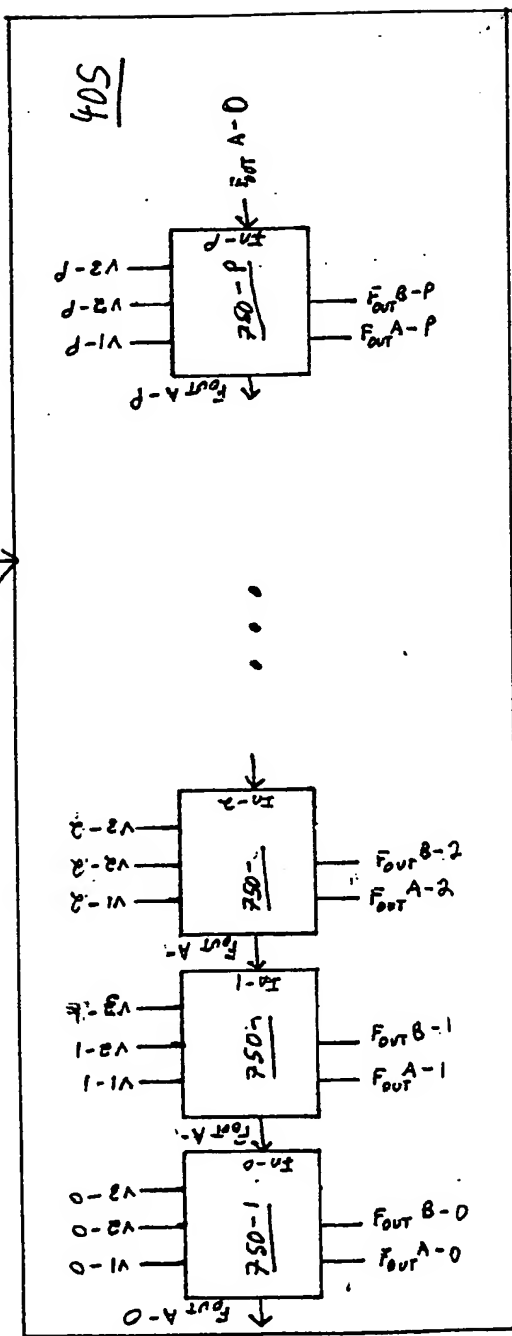
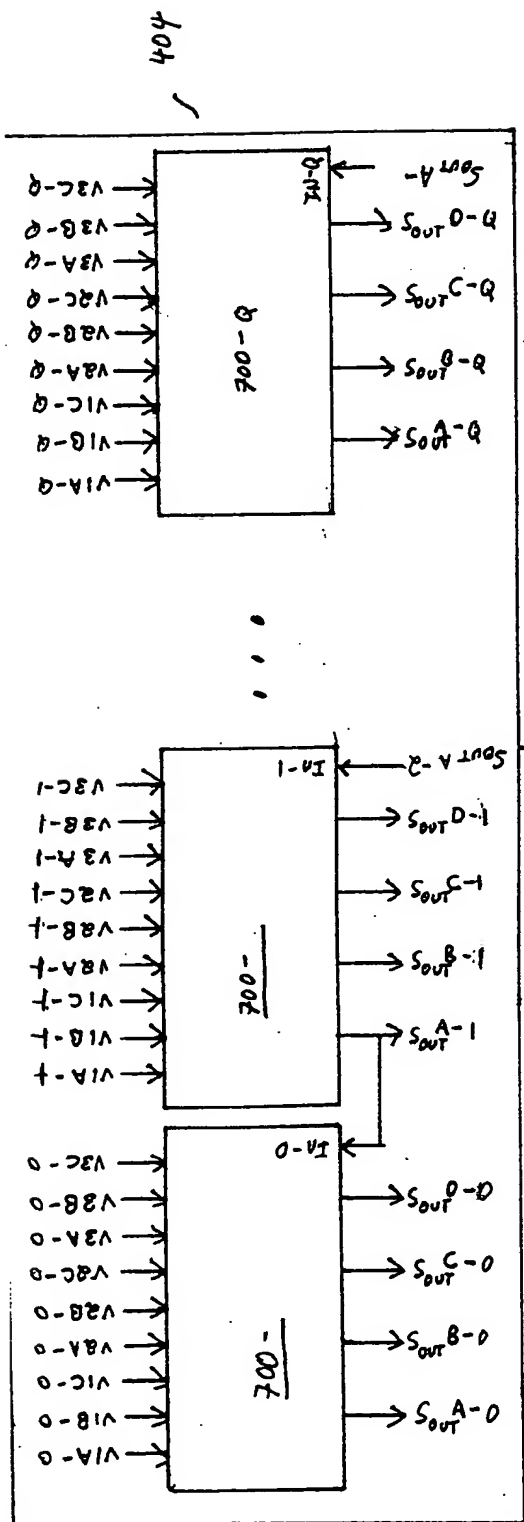


Figure 7b



$F_{OUT} (0:2P)$ 7C

Figure 7C

BEST AVAILABLE COPY

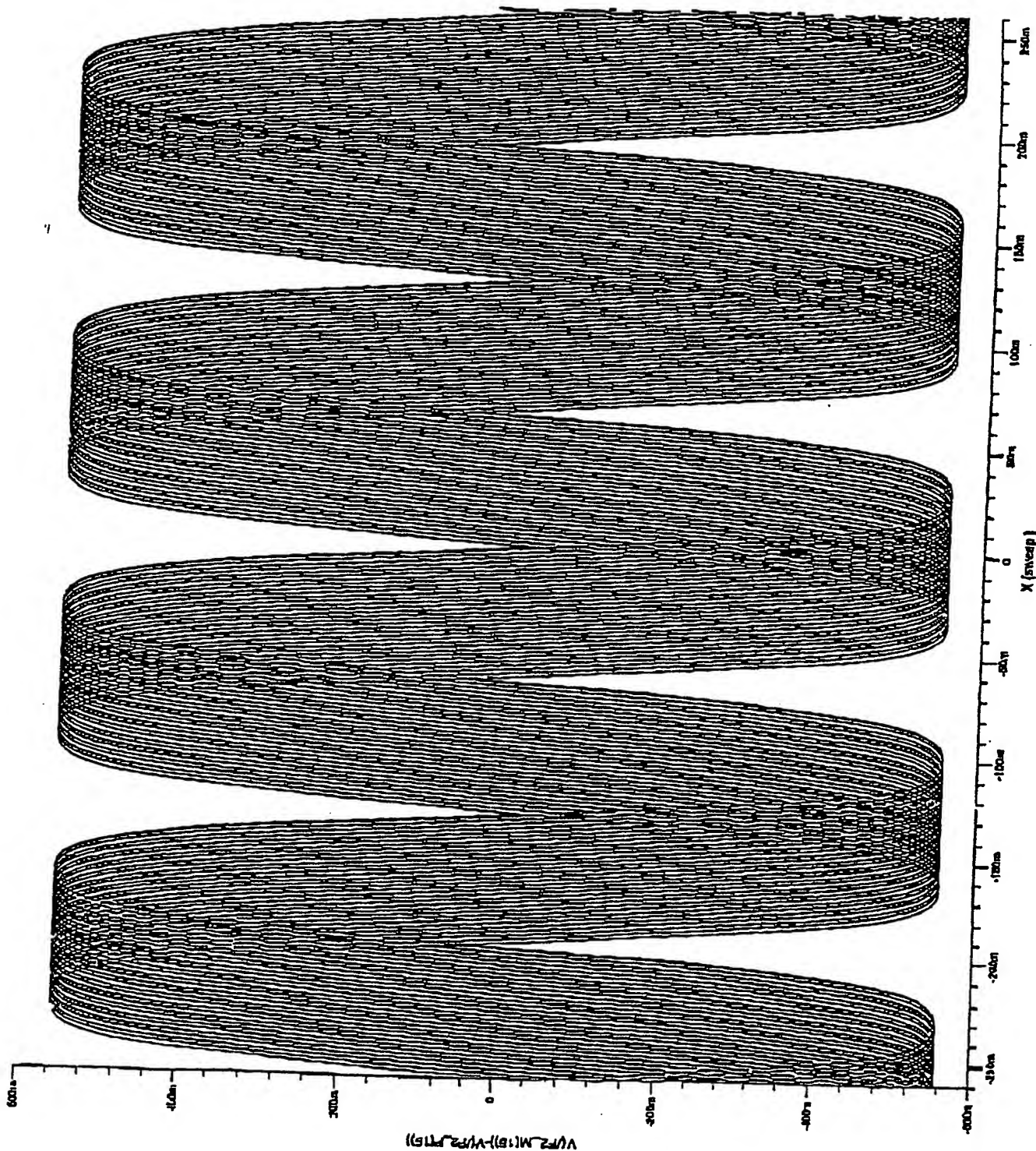


Figure 7D

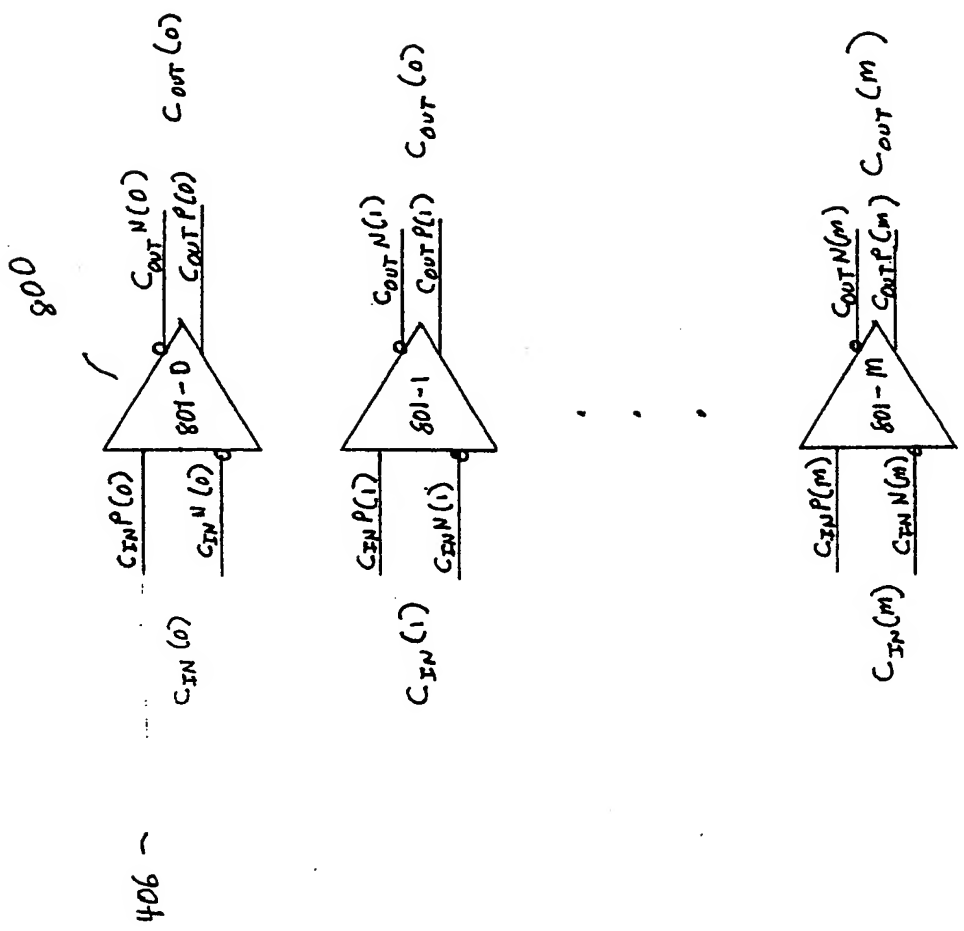


Figure 8

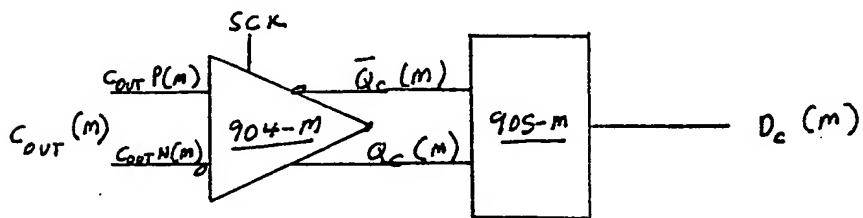
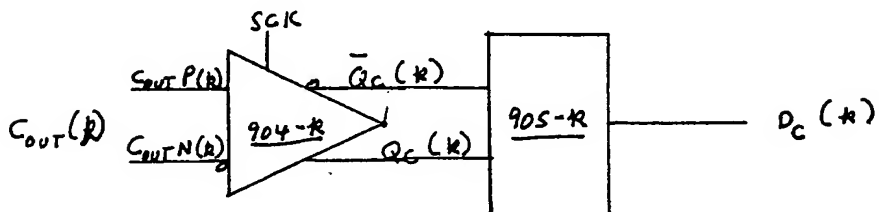
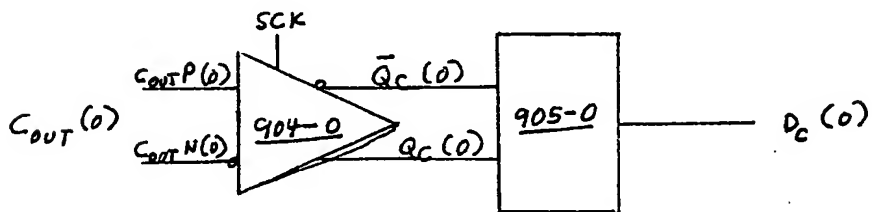
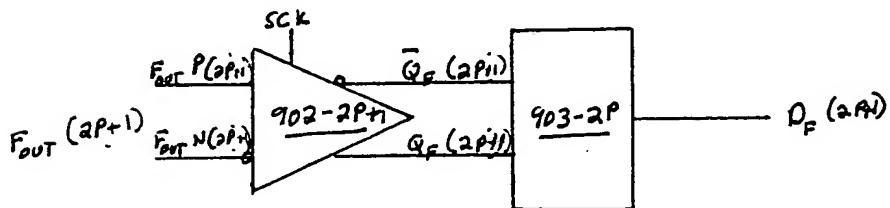
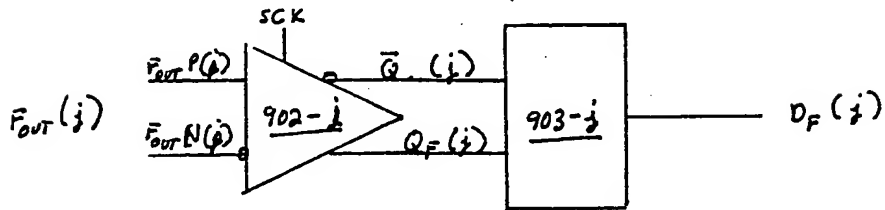
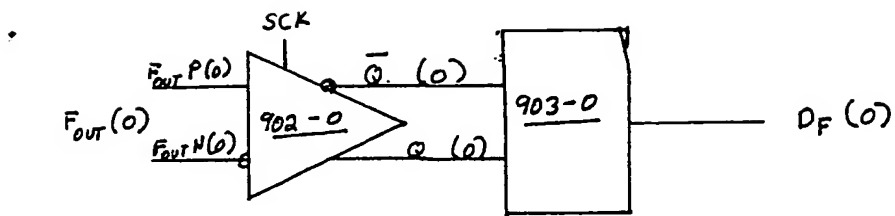


Figure 9

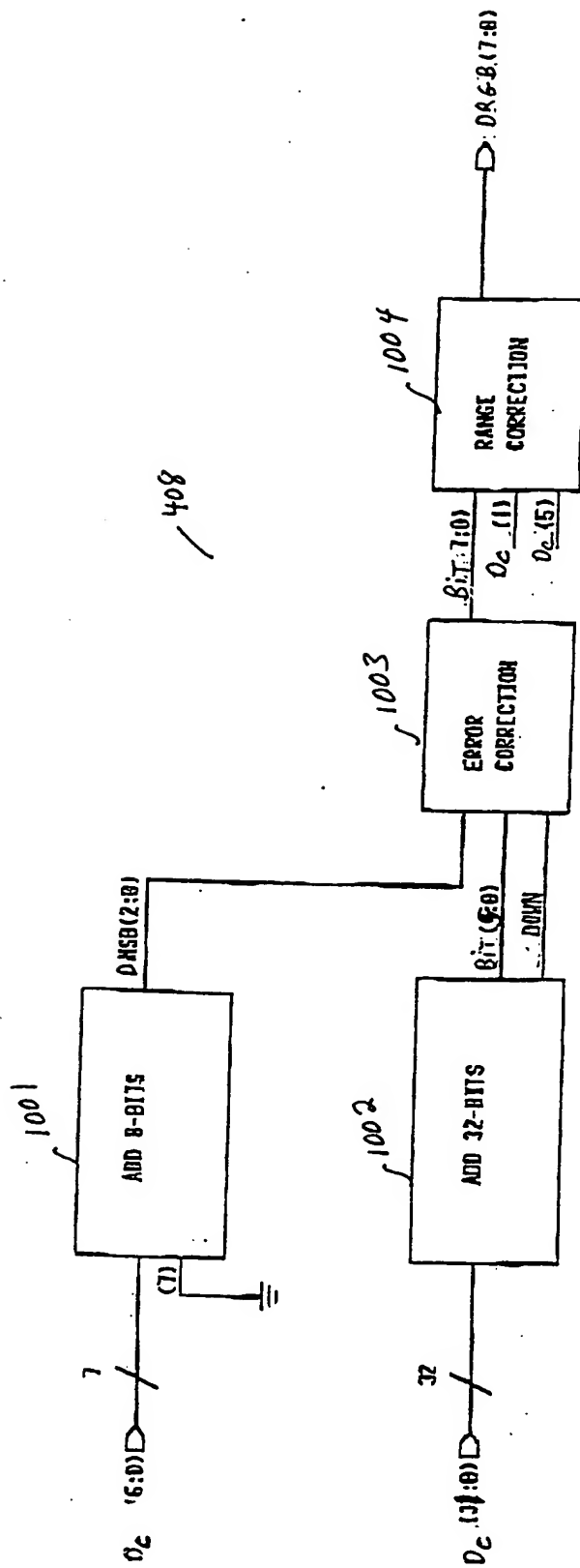


Figure 10a

Figure 10b

